

Thursday, Oct. 25, 2001

## Endeavour ready for stacking with ET, SRBs



## Last week for CFC donations



**▲ Shuttle Update:** Orbiter Endeavour rolled out of the OPF yesterday for the next stage of launch preparation: stacking with the external tank and solid rocket boosters. It is scheduled to launch Nov. 29 on mission STS-108, a utilization flight to the International Space Station.

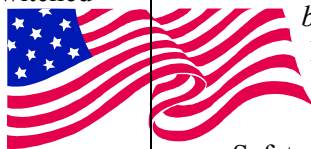
**▲ Now Is The Time To Make Your CFC Contribution:** This week is the last full week of this year's Combined Federal Campaign. If you have not already contributed, please go to <http://cfc.ksc.nasa.gov/> and make your contribution now. Congratulations to Mark Mason, winner of this week's drawing for a \$50 gift certificate to the NASA Exchange! The next drawing will be for four tickets to the KSC Visitor Center. The grand prize drawing will be for a \$100 gift certificate to the NASA Exchange as well as two tickets on the Center Director's bus for an upcoming launch. The on-line CFC brochure lists many fine local, national and international charities, including those involved in disaster relief operations. Please be generous. Thank you for participating and showing "United We Care!"

**◆ Cheaper to Leave Fluorescents on? Forget that Myth and Switch 'Em Off!** Fluorescent lighting became popular during the 1940's when electricity costs were low. Design and manufacturing compromises in these early lamps caused them to burn out more quickly if switched on and off daily. Consequently, many companies left their fluorescent lamps on day and night. The electricity consumed - given the extremely low rates at that time - actually cost

less than the labor and materials needed for lamp replacement. However, technology advancements and increased electricity costs have prompted the lighting industry to rethink the conventional wisdom of fluorescent lighting system operation. Modern fluorescent lamps use little starting energy. Turning them off helps them last longer and lowers lighting costs. Researchers at the U.S. Naval Civil Engineering Laboratory have found that the initial starting surge lasts only 1/120 second. The entire starting current for a two-tube rapid start luminaire lasts for less than one second before it stabilizes. Consequently, the Navy engineers assert that turning the lamps off for only one second saves the energy required to turn them back on.

**◆ Reminder:** Space Coast Chapter, FEW, is collecting pink lids from Yoplait yogurt and sending them to Yoplait, who will donate 10 cents to the Susan G. Komen Foundation for Breast Cancer Research for each lid collected. You can either drop your pink Yoplait lids off or mail the lids to: Becky Fasulo, Headquarters/2419; Betty Valentine, Hgr. L, CCAFS/Rm. 110; Dawn Partlow, Bldg M&O/Rm. 141C; Aneta Ott, Headquarters/2328; Pat Jordan, Headquarters/Rm. 2206. Or mail to: FEW - Space Coast Chapter, P.O. Box 21201, Kennedy Space Center, FL 32815.

**◆ Did You Know? Safety and Health First!** The energy tip on Oct. 23 regarding allowing leftovers to cool before refrigeration has been revised: the U.S. Department of Agriculture encourages prompt refrigeration to minimize bacteria growth. For more information, please see the Food Safety A to Z Reference Guide at the Web site:



KSC Countdown is published every Tuesday & Thursday.

Deadlines: 10 a.m. the day before. Send information, comments or questions to:

◆ E-mail - [Anita.Barrett-1@ksc.nasa.gov](mailto:Anita.Barrett-1@ksc.nasa.gov) ◆ Telephone - 867-2815

Internet -- <http://www-pao.ksc.nasa.gov/kscpao/ksccount/2001/2001.htm>

<http://www.foodsafety.gov/> ★